

## CLAIMS

- 1     1.     An apparatus with a standby mode, said apparatus comprising:  
2             an initialization part performing initialization processing of at least a part  
3     of said apparatus;  
4             a standby mode shifting part shifting said apparatus to the standby  
5     mode while maintaining the state of said apparatus initialized by said  
6     initialization part; and  
7             a restoration part restoring said apparatus from the standby mode  
8     according to said standby mode shifting part with said initialized state being  
9     maintained.
  
- 1     2.     The apparatus with a standby mode as set forth in claim 1,  
2     characterized in that said initialization part comprises a BIOS, and said  
3     initialization processing comprises a POST.
  
- 1     3.     The apparatus with a standby mode as set forth in claim 1,  
2     characterized by further comprising:  
3             a boot part for performing boot processing of said apparatus by a power  
4     supply being turned on; and  
5             a selection part capable of selectively setting whether the initialization  
6     processing according to said initialization part is made when said apparatus is  
7     shifted to the standby mode by said standby mode shifting part, or before or at  
8     the time when the boot processing is performed by said power supply being  
9     turning on.
  
- 1     4.     The apparatus with a standby mode as set forth in claim 3,  
2     characterized in that said initialization part and said selection part comprise a  
3     BIOS, and said initialization processing comprises a POST.
  
- 1     5.     The apparatus with a standby mode as set forth in claim 3,  
2     characterized in that said initialization part comprises a BIOS, and said  
3     initialization processing comprises a POST, and said selection part comprises

4 an the OS.

1 6. The apparatus with a standby mode as set forth in claim 4,  
2 characterized in that the selective setting according to said selection part is  
3 performed at the time of shutdown processing of an the OS.

1 7. The apparatus with a standby mode as set forth in claim 4,  
2 characterized in that said initialization part performs the initialization processing  
3 upon receipt of an instruction for placing said apparatus into a non-working  
4 condition.

1 8. A program for operating a computer system with a standby mode, said  
2 program making said computer system function as:  
3 an initialization part for performing initialization processing of said  
4 computer system;  
5 a standby mode shifting part for shifting said computer system to the  
6 standby mode while maintaining said initialized state of said computer system;  
7 and  
8 a restoration part for restoring said computer system from said standby  
9 mode with said initialized state thereof being maintained.

1 9. The program as set forth in claim 8, wherein said program further  
2 makes a selection part function to selectively set one of a first mode in which  
3 said initialization processing is performed before said computer system is  
4 shifted to said standby mode, and a second mode in which said initialization  
5 processing is performed at the time when said computer system is powered on.

1 10. The program as set forth in claim 8, characterized in that said  
2 program comprises a BIOS, and said initialization processing comprises a  
3 POST.

1 11. The program as set forth in claim 10, characterized in that said  
2 initialization processing and the shifting of said computer system to said  
3 standby mode are performed based on a specified shutdown form of an the OS.

1 12. A program for operating a computer system with a standby mode, said  
2 program making said computer system function as:

3 an operating part for operating said computer system; and  
4 a selection part for selectively setting one of a first mode and a second  
5 mode, said first mode being such that another program is given an instruction  
6 for shifting said computer system to a stand-by state while performing  
7 initialization processing of said computer system at the time of shutdown  
8 processing of said operating part, said second mode being such that said  
9 initialization processing is performed before said operating part is booted.

1 13. The program as set forth in claim 12, characterized in that said  
2 instruction for shifting said computer system to a non-working condition  
3 comprises selection of said first mode.

1 14. A method for controlling an apparatus with a standby mode, said  
2 method comprising:

3 a step of performing initialization processing of said apparatus;  
4 a step of shifting said apparatus to the standby mode while maintaining  
5 the initialized state thereof; and  
6 a step of restoring said apparatus from said standby mode in response  
7 to receipt of an instruction for placing said apparatus into a working condition.

1 15. The method for controlling an apparatus with a standby mode as set  
2 forth in claim 14, characterized by further comprising:

3 a step of rebooting said apparatus in response to receipt of an  
4 instruction for placing said apparatus into a non-working condition, wherein said  
5 initialization step is performed after said reboot step.